



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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M/037/025
Deremo/Peterson

September 5, 2002

Mr. Tony Bates
UMETCO Minerals Corporation
2754 Compass Drive, Suite 280
Grand Junction, Colorado 81506

Re: Soil Borrow Areas and Seed Mix; UMETCO Minerals Corporation; Wilson/Silverbell, Calliham, and Deremo/Peterson Mines; M/037/027, M/037/023, and M/037/025; San Juan County, Utah

Dear Mr. Bates:

On August 12, 2002, I received a telephone call and FAX transmission from you concerning a soil borrow area at the Calliham Mine. The soil from this area would be used at the Deremo/Peterson and Deremo/Snyder Mines (the Deremo/Snyder Mine is in Colorado), and the borrow area would be about one-half acre. In 1998, the Division approved borrowing soil from an area of up to four acres without increasing the bond, but this was never done. Since the area you now propose to disturb is only about one-half acre, it is well within the limits of the previous approval. The Division, therefore, approves this activity.

You also requested a recommendation for a seed mixture. I am attaching a seed mix that the Division recommends for reclamation of the sites listed above, and, in accordance with your request, the mixture is hereby approved to be used at these sites.

Please don't hesitate to call me at 801-538-5261 or send an e mail to paulbaker@utah.gov if you have any questions about these approvals.

Sincerely,

Paul B. Baker
Senior Reclamation Biologist

Jb
Attachment: Seed mix recommendation
cc: Ted McDougall, Monticello BLM
O:\M037-San Juan\UMETCO\final\seedborrow090502.doc

Species	Pounds PLS/Acre
Crested Wheatgrass	0.75
Pubescent Wheatgrass	0.75
Russian Wild Rye	0.75
Indian Ricegrass	1.5
Western Wheatgrass	1.5
Slender Wheatgrass	1.5
Alfalfa	0.5
Yellow Sweetclover	0.5
Palmer Penstemon	0.5
Fourwing Saltbush	1.5
Rubber Rabbitbrush	0.25
Forage Kochia	0.5
	10.5

Recommended Revegetation Seed Mix for Wilson/Silverbell, Calliham, and Deremo/Peterson Mines
August 23, 2002